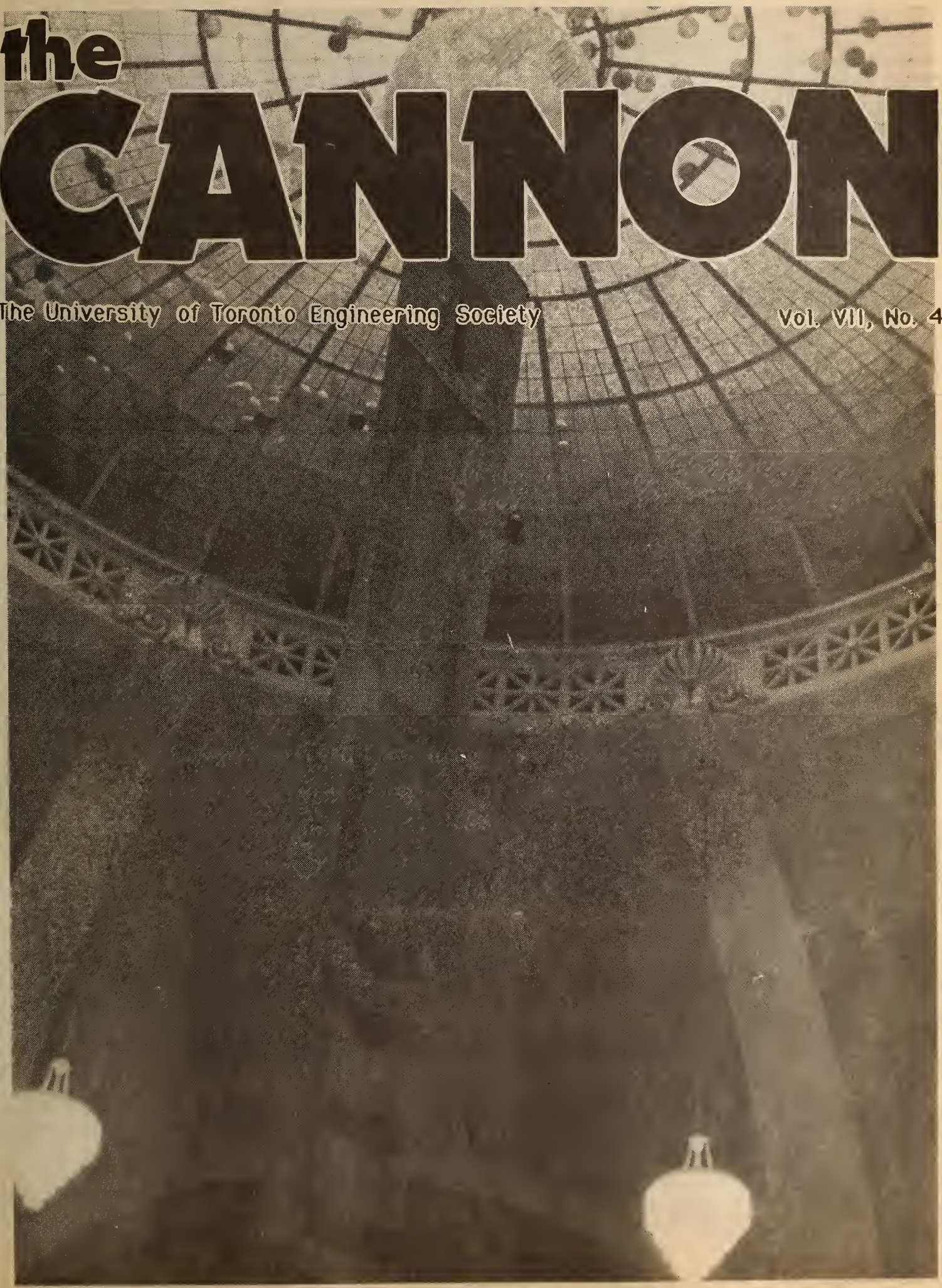
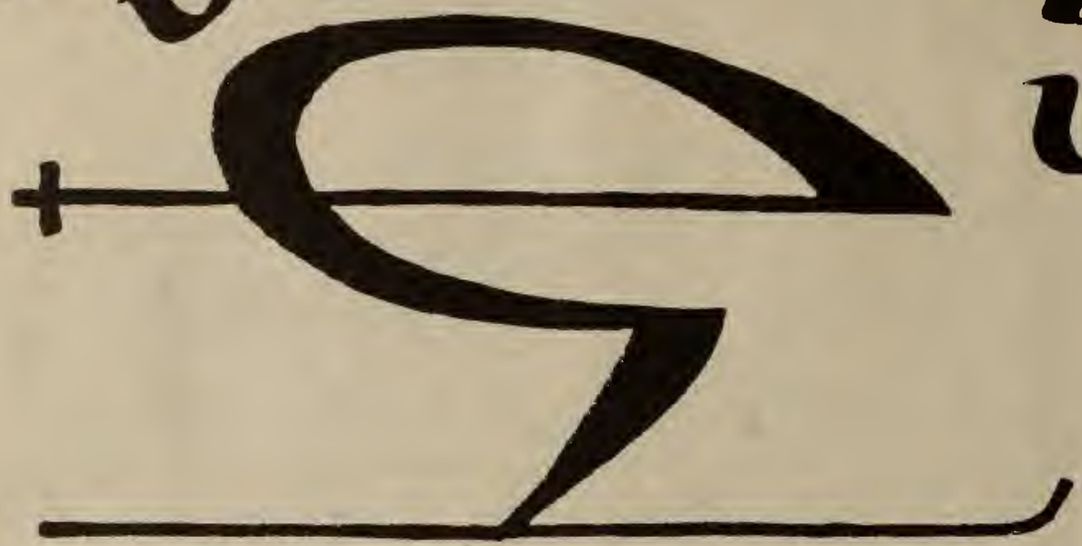
the CANNON

The University of Toronto Engineering Society

Vol. VII, No. 4



engineering



SKI DAY

January 18, 1985

at BLUE MOUNTAIN -GEORGIAN

PEAKS

Tow Ticket : $9 **Bus Ticket : $10**

Both tickets will be available at the

Eng. Soc. , Jan. 7-14

FR-01[illegible].22
ARCHIVES
LE84
[illegible]

the CANNON

U of T Engineering Society

Vol VII, No.4

Editor

Derek Jubb

Photography

Nick Iozzo
John Ryhn

Staff

Daniela Duriavig
Martin Kiik

Underfunding?
Recently SAC held an "information" session for high school students. Some interested engineers went and found out what the issue really was.
page 5

Apeo Conference Report
Wonder what happens at an undergraduate conference?
page 7

CCES '85
A brief summary and an agenda of speakers is presented here.
page 8

Skule™ is a registered trademark of the University of Toronto Engineering Society.

The Cannon is a publication of the University of Toronto Engineering Society. It is published monthly to announce Eng Soc events, discuss faculty and university matters, and present technical information of interest to Engineering undergraduates. Subscriptions are available, call Ella at 978-2917. Anyone interested in helping with *the Cannon* is most welcome.

The Cannon encourages submissions; please type or print legibly. Deadline for articles and letters for the next issue is Friday, December 21. Comments on *the Cannon* or articles appearing in it are appreciated. The editor reserves the right to edit for brevity. Not all opinions presented here are those of the Engineering Society.

ISSN 0711-4370

In Every issue

Editor's Comments	page 4
Eng Soc News	page 6
President's Message	page 11
Engineering Athletics	page 12
Employment	page 15

Editor's Comments

Christmas is the season of joy and happiness. It is unfortunate that the spirit of giving very often becomes that of getting. This unfortunate maligning of a holiday is not the only problem of our so-called Me Generation. People want things given to them on a silver platter instead of working for them. A good example of this is the antics of the SAC Underfunding Committee. They are trying to address a very real problem with the most trite and petty platform I have ever seen. Instead of examining fee structures or making concrete suggestions, they want the Ontario Government to instantly kick in more money. At a time of high real interest rates and a rising deficit, there is little that polititians can do. What should be examined is the methods of funding and accountability. Although this might give our young N.D.P.'ers up at SAC some cause to worry, especially if course content is put on the block.

In contrast, our Centennial Committee is an example of real spirit. The dedication and effort they demonstrated in organizing the Centennial Pub and other Centennial events makes me very proud to be an engineer. Anyone who attended the pub will agree that it was both well run and fun. (Gus what was in that Centennial Sting?) Les Peers and the fourth year Civils are also showing the spirit of giving in designing, while still maintaining a full course load, a ramp for Med Sci. This ramp will be the subject of a full report in the January *Cannon*. Anyone wishing to help with the construction can sign up in the Eng. Soc.

When it comes right down to it, spirit is taking a positive interest in something. A positive interest does not mean ignoring any negative aspects. It does mean that any critisisms be constructive and well thought out. Show that you care.

Merry Christmas.

Las Vegas

The Entertainment Capital of the World

VIA AIR CANADA

WIDE BODY 747 JUMBO

every Thursday and Sunday

From **$299** per person double occupancy plus taxes

INCLUDES: NON STOP FLIGHT WITH FREE IN-FLIGHT, BAR, MEALS & MOVIES, HOTEL & TRANSFERS

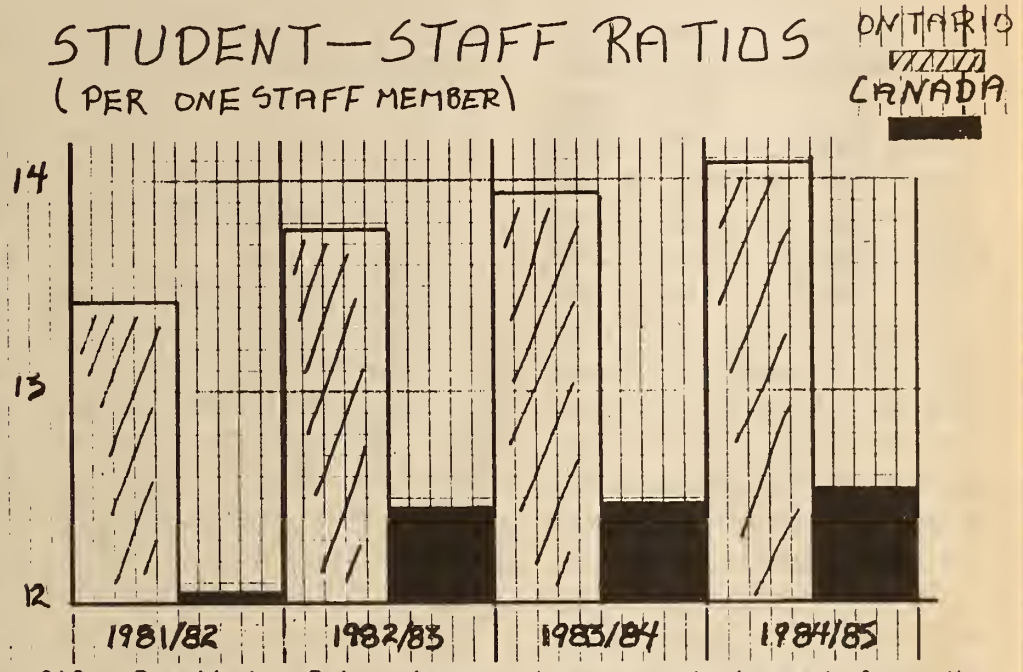
3 nights, Thurs. to Sun.	from $299
4 nights, Sun. to Thur.	from $309
7 nights, Sun. to Sun. or Thurs. to Thurs.	from $349

Sunquest

Sold by Professional Travel Agents Everywhere

Underfunding?

Hans Schade
Vice President-Fundraising and
Public Relations—Class of 8T4



On Wednesday, November 21, SAC sponsored a "High School Underfunding Conference". The first question you will ask yourself is: why should this interest me? The MAIN REASON is that we ENGINEERS for years now have been HELPING our OWN CAUSE with the $100 SPECIAL INCIDENTAL FEE (SPIF), paid on top of our tuition. Considering tuition covers only about 13% of our education cost, you can see that even the SPIF does not represent much help. But, as everyone will have to admit, it is a step in the right direction in terms of improving our education.

SAC invited high school representatives from the southern Ontario region to inform them on the status of U of T. And, while I agree with their philosophy of educating the public (media coverage was there), especially future students, concrete ways of improving the situation must be presented. This is exactly where all of the speakers at the SAC conference failed, at least in my opinion. Although they cited fact after fact(some more credible than others), not one of the distinguished gentlemen suggested a solution other than asking the high school students to write their MPP's and demand more educational support from the government. For crying out loud, we may as well be jousting with windmills!

The speakers were (in order) SAC President Bob Jones, Underfunding Committee Chairman Sean Meagher, OFS researcher Richard Balnis, OCUFA President Dr. Bill Jones, and U of T Governing Council Member (student rep.) Jim Wilson. Of these, only Dr. Jones managed to make an impression of any kind on me. The others were unimpressive in their statements and answers to questions in an ensuing question period. Worse then that, however, was the misrepresentation of facts and information, and the figure shown is but one example. How likely is a high school student to look in detail at the scale involved? Even we engineers, who are trained, sometimes overlook such essential information (OK, so we shouldn't). But rather than showing a difference of about 12%, SAC made the Ontario average student/staff ratio appear about 3 times as large as Canada's average value.

There were too many cases to indulge in to a greater extent. Two, however, stood apart from the others. R. Balnis quoted an engineering tuition fee of $1142- don't we sometimes wish! I guess he must have meant U.S. dollars, bringing us closer to the truth! The other was a comment by Jim Wilson during the question- and-answer session. Replying to Barry Levine (President, Engineering class of 8T4), who included a comment about the SPIF's role in helping improve our education, Wilson called the engineers "out of it" for proceeding with the SPIF. He said that he and many others can't afford "any extra bucks" — I wonder how much he paid for his stylish tweed jacket? And the leather tie?

The points to be made after all this are that better education will cost everyone extra money (look at the States' tuition fees), and the high school reps were too smart to follow SAC's solution- lacking lead. They actually demanded to

continued on page 6

Eng Soc News

Kim Harkness
Social Committee Chairman

Cannonball is the annual semi-formal organized by the Engineering Society for all the engineering undergraduates. Since 1985 is the our centennial, this promises to be a big event. The Centennial Cannonball will be held Saturday, February 2, at the Hilton Harbour Castle. There will be a reception beginning at 6pm followed by a dinner at 7pm and dancing afterward.

Tickets will be on sale the first week of SKULE™ in January at the Engineering Society. They are $37/couple and there is a limited supply. Tickets always go quickly, so don't wait!

Franco Minatel
Blue and Gold Chairman

Don't forget about Godiva Week. The party starts January 14 and ends with a pub on January 18. The Godiva Week schedule will go up the first week of January, but keep the Friday open. If you wish to help with running this mega-bash then come out to a meeting on January 9 at 5:00 pm in the Eng Soc.

continued from page 5

know what SAC's solutions were and questioned the point of telling the MPP's they wanted cheaper, taxpayer- burdening education. The engineers and their alumni push hard to improve undergraduate education, and the "Class of 8T4 Pledge Program" (suggesting $300 over 3 years) has raised $10,000 so far from ENG 8T4 grads (far short of our goal). Now, when the time comes to go out to our old high schools, shouldn't you and I tell the high school students that while certain problems exist due to underfunding, concrete steps are being taken by engineering undergraduates and alumni alike to improve many of the negative aspects SAC quoted but failed to suggest a solution for? I know I will.

Mr. Walter Geschwind, General Manager of Hoescht Canada Inc., recently presented Ms. Mary Svazic with the Hoescht Scholarship. This scholarship is for the top chemical engineering student in Ontario and Québec. Professor Charles, Chairman of the Department of Chemical Engineering and Applied Chemistry, also attended the presentation.

APEO

Allan Chan
Chem 8T6
Tony Kasper
MMS 8T6

Every year, the Association of Professional Engineers of Ontario sponsors an undergraduate student conference. This year's conference was held at Laurentian University in Sudbury. The theme of the conference was "The Need for Engineers to Adapt to a Changing Economy". Several presentations were given based on this topic, some more pragmatic than others. Speeches not summarized here were by Professor Enid Barnett on "Importance of time - saving and time - using products", R. W. Dengler, President of Dynatec Mining on "How to be successful in the working world", and one by Mr. Jack Grassby. A full report on the conference is available in the Eng Soc.

The conference started with a speech from Mr. Grant Boundy, Deputy Regsistrar-Licensure of the APEO, on the scope of the APEO and the recent ammendments to its act. Established in 1922, the Association now comprises 50,000 members with a common interest in the application of science for the benefit of society. The mandate of the body is to serve the Ontario government by ensuring that only trained individuals may perform engineering duties. Although the APEO is not an official accreditation board, it establishes common standards in engineering education to ensure the uniformity of graduates.

In September of 1984, the APEO revised its Act to include the areas of professional practice and the role of the engineer in public. The Association offeres three types of licences to an individual. The standard licence is given to practicing engineers in Ontario. Temporary licences are issued to engineers from outside of Ontario wishing to practice in Ontario on specific projects. The last type of licence is issued to technologists. This is a limited licence which entitles them to limited engineering practice. The new Act also lowered the minimum admission age from 21 to 18. The residency requirements were also broadened to encompass Canada instead of just Ontario. The practical experience prerequisite remains at two years of applied engineering training. A mandatory professional practice exam is also part of the membership requirments.

The APEO is responsible, as well, for partnerships and groups wishing to incoporate themselves for the purpose of praticing engineering. The APEO now requires that all practising engineers carry liability insurance. The APEO is a self governing organization resposnsible for the maintenance of professional standards and the upholding of a Code of Ethics.

Dean Slemon addressed the conference in the capacity of Chairman of the Canadian Accreditation Board. In today's world, an engineer works towards a management position. Yet in his undergradate studies, very little is presented on management. It is a skill that must be learned after graduating. Many skills needed by engineers cannot be taught at the undergraduate level, thus a professional engineer must continually be educating himself on new techniques and processes.

Dr. Doug Goldsack, Dean of Science and Engineering at Laurentian University, spoke about adaptability, using the career of H. J. Dow as an example. In the late nineteenth century, there was a great demand for bromine. The current production method was batch distillation from brine. Herbert J. Dow developed a much cheaper method based on electrolysis. After scale-up problems were solved, Dow perfected the process and cornered the market in the United States. Thus Dow Chemical was born.

During the Depression, Dow spent millions of dollars on research to develop magnesium and aluminum alloys. There was no market for magnesium at the time, but after the Depression, the aircraft boom called for lighter alloys in the manufacture of these airplanes. Dow was well ahead of his competition and was already able to supply the needed materials.

In summary, Dr. Goldsack offered a few pointers on adapting to change by being flexible using a foundation of skills and knowledge gained from engineering education. Keep on learning, as the knowledge half-life of an electrical engineer is 10-12 years while that of a chemical engineer is 5 years. Take a historical perspective on problems. Tackle problems head on. Keep an eye on the horizon and adaption can be made.

CCES '85

Dave Stubbings
Mech 8T6

As part of our centennial celebration, the University of Toronto Engineering Society is hosting the Seventeenth Congress of Canadian Engineering Students. The Congress is the largest of its kind in North America as it encompasses every engineering society across Canada.

We are very excited about this year's conference. It is to be held January 9 to 13, 1985 at the Sheraton Centre, Toronto. The theme of the conference is "The Changing Role of the Engineer in Society." We feel this theme is very appropriate for the upcoming era of Canadian engineering and the theme will be established by presentations from representatives of industry, politics, education and professional associations. Through these interactions, stronger links will be established between professional and student engineers.

History of the Conference

Although incorporated in 1977, the CCES has held annual conferences since 1969. It started out in Québec to give engineering students a chance to discuss relevant engineering related issues. Each year a different school hosts the conference and develops a specific theme. Themes of past conferences have included "Our Environment — Our Challenge"; "Social Impact of Engineering Projects"; and "Professionalism."

The purpose of the Congress can be outlined as follows: a) *to provide engineering students with a national forum to ensure the quality and quantity of their education;* b) *to improve the Canadian public's and engineering students' awareness of scientific policies as well as the social and economic implications of engineering projects;* c) *to ensure equal opportunities for French- and English- speaking Canadian engineers;* d) *to study the moral obligations of engineers.*

CCES Toronto '85

As hosts of the conference in '85, we will adhere strictly to these guidelines. It is important for all engineering students to realize the scope of engineering. Tomorrow's engineer will have to be an economist, politician, businessman and, yes, an engineer. The conference was set up to examine this interaction of many professions.

To sum it up, the purpose of the conference is to promote a more PROFESSIONAL attitude in all Canadian engineering students and to help him or her carry this to the wild, wacky world of business and industry.

For such a conference to be successful, we need input from *all* engineering students. What the conference has done to ensure communication among all students is to set up *Project Magazine*, the voice of all Canadian engineering students, and to promote and set up the Canadian Engineering Design Competition. You can get involved by helping to organize the competition, helping during the conference, or applying to the Professional Development Committee Chairperson to become an official delegate to CCES '85.

December 7th at noon, follow the Christmas train to Con Hall for

the Annual Christmas Concert

featuring

the Skule™ Stage Band

Tentative Agenda

Congress of Canadian Engineering Students

Wednesday January 9, 1985

5:00	Reception — VIP Room — Sheraton Centre
6:30	Dinner Reception — Dominion Ballroom North Welcome from the President of the University of Toronto: Mr. George E. Connell

Thursday January 10, 1985

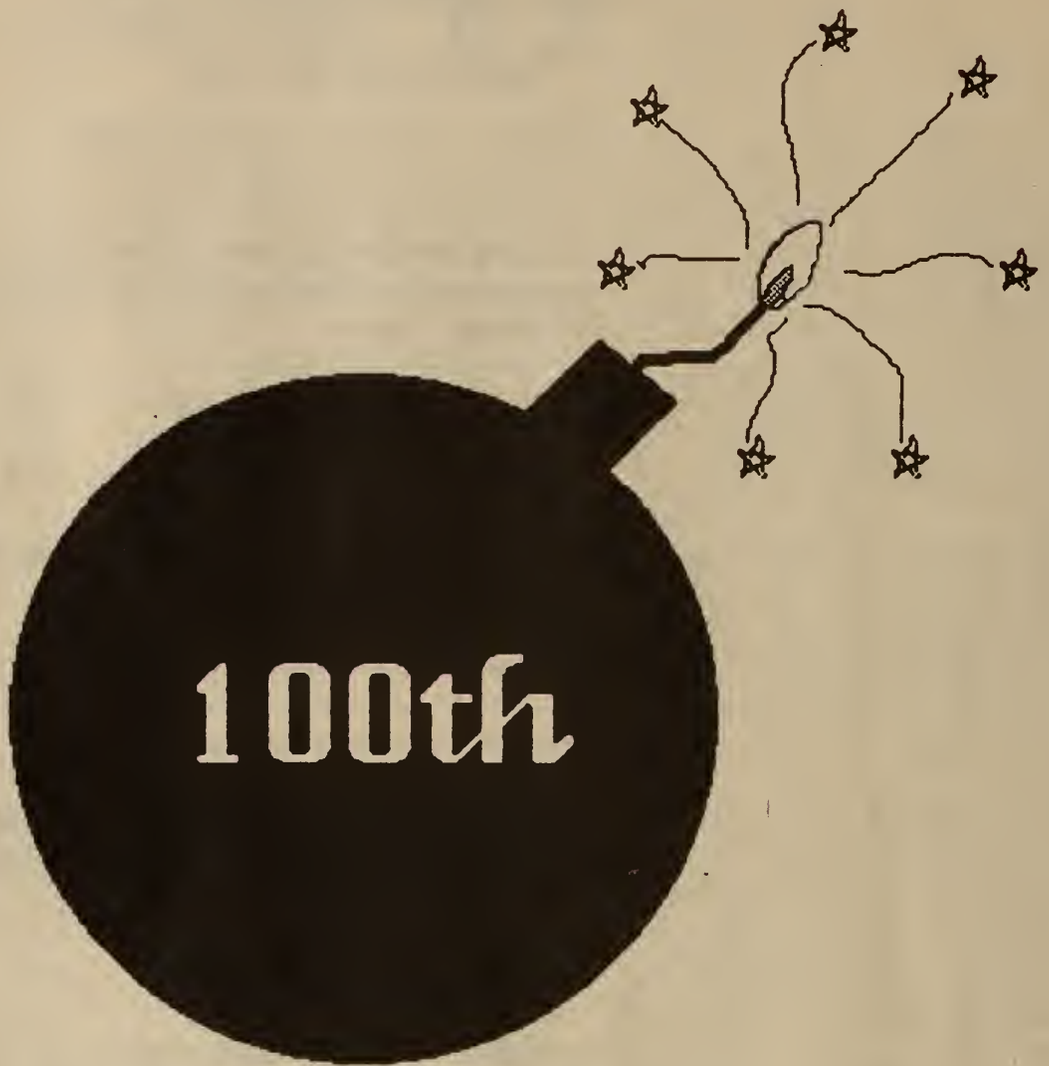
9:00	Welcoming Sesion — Dominion Ballroom North Dean of Engineering — G. R. Slemon U of T Engineering Society — Mr. William Hollings
10:00	Session I Mr. James Mackie — MITEL Corporation
2:00	Session II — Dominion Ballroom South
3:00	Workshops — York/Peel/Norfolk/Carleton/Oxford Rooms Discussion of relevance to engineering students across Canada and policy planning session.

Friday January 11, 1985

9:00	Session III — Dominion Ballroom North Mr. Micheal Mettleton — Thorne, Stevenson & Kellog — Management Counsultants
10:10	Mr. Alan Cagney Director of the Association of Professional Engineers of Ontario
2:00	Student Paper Presentations — Hart House
3:30	University of Toronto Engineering Society Centennial Mr. L. E. Jones Mr. Gus Rinella

Saturday January 12, 1985

10:00	Panel Discussion — Dominion Ballroom North Dr. U. M. Franklin Dr. W. H. Vanderburg Dr. M. Wayman Dr. J. M. Ham
1:00	Plenary Session Business of the 17th Congress of Canadian Engineering Students



the

CENTENNIAL CANNONBALL

Coming Soon!!
February 2, 1985

President's Message

Considering that we are all full-time students, I am continuously amazed at how much the Engineering Society does each month.

Kevin Foody and Gus Rinella did a great job running the Centennial Pub. A lot of people turned up, and the SKULE™ Stage Band stole the show, playing to two standing ovations (ok, so maybe it *was* too crowded to find a seat). However, if you ask me, they shouldn't play that striptease tune anymore. I was getting a little worried that that guy wasn't going to leave his underwear on.

One of the best capers that I have ever seen occured at the Installation of President George Connell last month. It seems that someone floated an eight foot diameter balloon to the roof of Con Hall, with a 30 foot banner suspended underneath bearing the word SKULE on one side and F!ROSH 8T8 on the other. Damn ingenious! Everybody who is anybody saw it. Meanwhile, outside Con Hall, the LGMB serenaded the Who's Who of U of T academia.

The latest progress report on the Med Sci wheelchair ramp is that we have formally been given permission by Physical Plant to build the ramp. In fact, the guys over at Physical Plant said they were impressed with our professionalism. Well, after all, we *are* professionals. The pouring of the foundations is scheduled for the weekends of January 11 and 18. I will post a sign-up sheet on the door of the Eng Soc. If you are interested in pitching in, sign up. The first weekend we need people who enjoy tearing up sidewalks and the second weekend we need people who are interested in learning how to pour concrete. Also, the railings will need to be formed and welded together. I'll be getting in touch with everyone about this later.

A seldom discussed but very important part of the Eng Soc is the conferences that we participate in. Last month delegates were sent to both the APEO Conference in Sudbury and the Regional Engineering Student Societies Association (RESSA) Conference in Waterloo. Reports on these conferences are available and are summarized elsewhere in this magazine. Have a look at them, they are quite interesting.

You may have read about the proposed Women's Centre at the U of T. At the last council meeting the Eng Soc reaffirmed its support for the Women's Centre but has taken its support away from the *Coalition for a Women's Centre* because, to sum up, we feel that the type of Women's Centre that would be set up by the Coalition would not best serve the purposes of women at the U of T.

Again on the political front, one sometimes has to wonder whether the people over at SAC are really in touch with reality. Their latest endeavour in the world of underfunding was to invite about 200 high school students in to listen to SAC explain how the U of T is a lousy place to be and that underfunding is killing us all. Even though we were asked not to, a few concerned engineers went up to this meeting. They tactfully ignored the misrepresented data and the out-of-the-blue facts and asked SAC what *positive* steps they were taking to alieviate underfunding, citing our $100 incidental fee as an example. As an answer, they expressed amazement at the fact that we feel that $100 is not too much to pay for an excellent education. But what can you expect from people who feel that scaring a couple of hundred naive pre-frosh is a way to solve the underfuding problem. We were told afterwards that our presence was not appreciated.

On the other hand, the Eng Soc is supporting SAC's efforts to help the starving in Ethiopia. There are deposit cans in the cafeteria and at the Engineering Stores. They will be there until exams engulf us. If you can spare a few pennies.....

One final happening this month. It's official! We will be getting two days for orientation next year. Hopefully, this will enable us to better introduce the Class of 8T9 (I feel so old!) to engineering and the university. There will also probably also be some type of second year departmental orientation introduced as well on the second day. For the third and fourth years... spend another day at the cottage.

Finally, coming up in January are: CCES, which is a mega, Canada-wide conference for engineering students; the all-encompassing Godiva Week; and the new high-tech projection TV at SUDS. Check 'em all out!

Good luck through exams.

Scite et Strenue
Bill Hollings
President

E.A.A.

Betty Dolinar
EAA Publicity Director

The work of our atheletes has begun to pay off. Engineering won two championship titles during the month of November.

The first victory came to the Division 1 men's soccer team who faced a confident Scarborough team in the finals. The game, played in poor conditions ended in a scoreless tie after regulation time. Due to poor light the game was decided upon by penalty kicks with the Engineers winning 3 to 1.

The men's rugby team, who came in first place in regular season play, were flawless in the playoffs. The final game against Meds was very close with a narrow point spread throughout the game. The Engineers efforts were rewarded with a 16 to 9 win.

The ice is finally in at Varsity Arena following renovations. Both the men's and women's seasons have begun. The women's ice hockey team is off to a good start, winning their first game 6 to 0 against Music. The team played well but would appreciate more fan support. So set your alarm clocks a little earlier and watch some entertaining hockey. Both seasons resume in January.

The volleyball season is now fully underway. The Engineering "Skule" team has posted the best results so far with a 2-0 record in first division play. Close behind are the heavily favoured Engineering "Spikers" squad with a 1-1 record in second division. Yet to post a win are the Engineering "Engineers" in third division. It has been rumoured that the "Engineers" have a secret strategy planned and have promised to be victorious from now on. Good work guys, keep it up.

The first event coming up in the new year is the EAA sponsored Ski Day. It will be held Friday, January 17, during Godiva Week, at Blue Mountain. The cost of the ski ticket is $9.00 but transportation costs have not yet been finalized. Tickets will go on sale at the beginning of the term and can be bought through Ella. Attempts will be made to set up gates for ski team tryouts at this time. Keep an eye out for posters for more details. See you on the slopes!

For all those interested in getting a piece of the action next term watch for sign-up lists for the following sports:

Men's Waterpolo
Men's and Women's Swim Meets
Men's and Women's Squash

E.A.A.-Rugby

Peter Watler
Chem 8T4

Glyn Jones
Chem 8T4

(for various reasons, mostly decency and obscenity laws, this account has been heavily edited. Members of the Rugby team can talk to the authors about the full text, since no one else in their right mind would be interested.—ed.)

The Saga began in September with early morning practices which were to prepare us for victories against every team in the league. Indeed, the season is one worthy of reflection: the Scrum was truely the most awesome, hulkish and best looking (aside from the second row) unit in the league, able to push all other scrums to the far side of Harbord St. with a mere flex of its mighty interlocked muscles. The backs razzled and dazzled, caught and kicked, spun and strutted their way to the goal line for most of the team's 118 points.

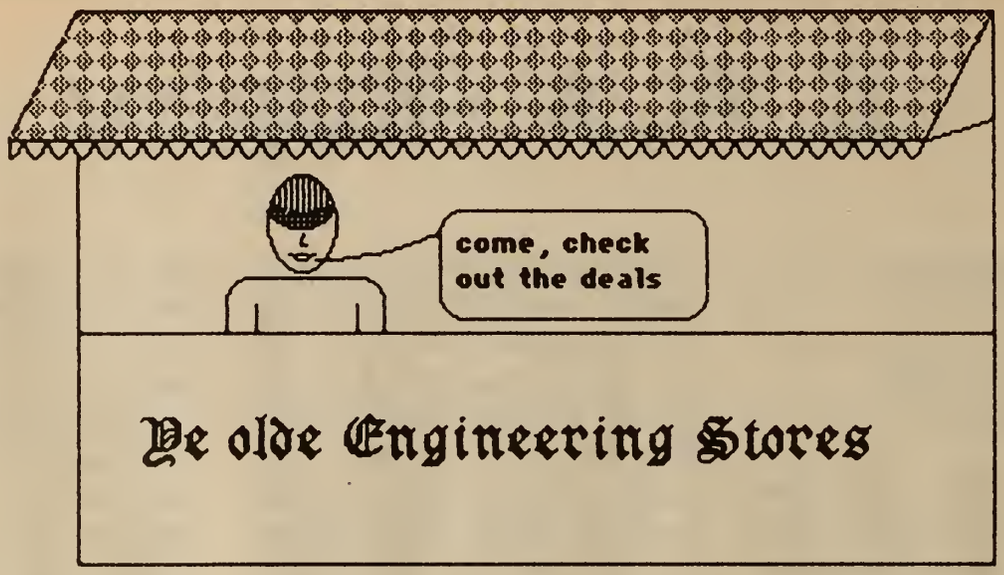
October was the month of the Queen's University Invitational Engineering Rugby Tournament. Yes, this was the event which made the other 364 days bearable. The team was a selection of the most skillful (and dedicated) players from our interfaculty team. The team was augmented with recruits Kevin Foody, Tim Hayes, and Alan Kasperski, who played to replace those who had to stay home to shave their legs. And again, for the third consecutive year, we emerged victorious.

Our bruises, breaks and sprains healed just in time to finish our regular season with a victory over the large but brainless Phys-Ed. team. This win assured us of the number one slot in the league play-offs.

It had been seven years since Engineering last won the coveted Nancekivell Cup, so there was no cause for relaxation. In preparation for the final, the team held late night practices under the lights of Back Campus. Here, Paul Vaarsi (a man who many still believe confused the phrase "I'd rather have a bottle in front of me than a frontal lobotomy") was specially trained for a short yardage penalty play. We were ready.

The day of the championship game, the team gelled into a dynamic machine, putting on its best performance of the year. Nary a ball was dropped nor a tackle missed. Late in the game, Rob Abernathy and Glyn Jones combined to score the final try which put the game out of reach for the Meds. The final score: Meds 9, Eng 16. This year's MVP's were Glyn Jones and Paul Vaarsi.

Ali Motashami was voted Athelete of the Month for November. His skill and enthusiasm during the regular season and playoffs made him an integral part of the Division 1 Soccer team in their pursuit of the division title. With him is Mr. Blake Goodings, Vice - President of the Engineering Alumni Council.



once again
those marvelous purvayors

of all and sundry Engineering supplies

bring you for this month only

ITEM	PRICE
Exam Reprints	$3.50
Watches	$39.95
Calculators	$24.95
Eng. T. Shirts	$5.00
Fancy Erasers: small	20¢
large	33¢
"I love you" Fiber Tip Pens	56¢
Mini Flexible Disks 10/box	$22.49

Employment Tips

The following is an excerpt from Mastering the Job Search *by the Career Counselling and Placement Centre— ed.*

Where to apply

The *Visible Job Market* is made up of the advertised positions. While they are not to be overlooked, remember that they represent only about 20% of all vacancies. If you have seen an ad, so have a multitude of others. When responding to an advertised position, you can expect to compete with several hundred other applicants.

By corollary, *the Hidden Job Market*, contains the remaining 80% of positions. They will only be filled by those who take the initiative to look beyond the visible job market. Here are some tips on breaking into the hidden job market.

One of the best methods of obtaining information about career areas, and of making important contacts is by speaking with someone actually working in an area of interest to you. This method, known as an Information Interview, will enable you to gather up - to - date and specific job information. You will also widen your circle of contacts by being referred to others in the field you have chosen to research. You will be able to ask questions about the individual's educational background, career path, typical work day, and seek his/her opinion on skills and personality factors necessary for the position. In addition, information interviews allow you to gain confidence and experience in the interview process. Consult the Career Counselling and Placement Centre for further information on conducting information interviews.

The library at the Career Counselling and Placement Centre has a wealth of information on careers and occupations. Our career binders, employment surveys, company binders and directories (such as the *Scott's Industrial Index* or the *Book Trade of Canada*) will certainly aid you in this task. As well, we have surveys on various work environments and these will usually contain contact names in specific companies.

Use the yellow pages! They're a godsend. If you know exactly what kind of work you want, the companies are all there in a neat and tidy, alphabetical list. The yellow page ads themselves will give you an idea of a company's resources. The type of ad will tell you something about the company's style. And you'll pick up other information such as the location of branch offices, which services the company stresses, what sort of image it tries to project and therefore, perhaps, the kind of person it hires.

Our staff at the Career Counselling an Placement Centre will be happy to answer any questions you may have related to your job search. In addition, the Metro Toronto Public Library has a number of useful directories.

PERMANENT POSITIONS

Petro Canada	December 7*
Johnson Controls	December 10
Honeywell	December 10
Geac	December 10

SUMMER POSITIONS

Petro Canada	December 7*
Selco	December 7*
General Motors	December 10

*Please note that December 7 is a Friday. The Career Counselling and Placement Centre will be closing at 3:00 this Friday only.

The Career Counselling and Placement Centre will be closed from Monday December 24 to January 1, for the holidays. We will reopen Tuesday January 2, 1985.

the Last

SUDS

Pub
of 1984

A NEW DIMENSION.

BLUE WITH A TWIST.

A new shape of Blue. A new twist-off cap, making your Blue easier to get to. Keep on smiling.

is this Friday. Come celebrate with us from 4-6 only. The staff wishes you all a very Merry Christmas and a passing grade.